

## Remarks

**COPY**35 USC 112 Rejections

Claims 1-35 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicant respectfully submits that the description adequately described the claimed invention and that a person skilled in the art would recognize that the inventor had possession of the claimed invention.

Specifically, the present invention is directed to a system and method for generating context vectors for use in a document storage and retrieval system and provides a context vector generation scheme that uses a neural network operating on a training corpus of records. The specification on page 4, line 3-4: "context vectors may be associated with words, terms, documents, document portions, queries, images, quantitative data people, or any other type of information item." Claim 1 claims a computer-implemented method of generating context vectors representing information elements for retrieval of the information elements or records containing the information elements, assigning a context vector to each of a plurality of information elements; initializing the context vectors such that the context vectors are substantially orthogonal to each other in a vector space; determining proximal co-occurrences of the information elements; and adjusting the context vectors based on the proximal co-occurrences of the information elements, such that the information elements that frequently proximally co-occur have context vectors with similar orientations in the vector space. A person skilled in the art would understand that a broad association of the context vectors would sufficiently describe that association with the information elements claimed in the invention.

In the Office Action, Examiner stated that "it is the examiner's opinion that Applicant has misinterpreted the specification's meaning of information elements."

On page 6, lines 6-10 indicates clearly that "a prototypical subset of feature vectors, or atoms (also called information elements), are derived from the set of feature vectors to form an "atomic vocabulary."

Applicant respectfully submits that an applicant is entitled to be his or her own lexicographer and may rebut the presumption that claim terms are to be given their ordinary and customary meaning by clearly setting forth a definition of the term that is different from its ordinary and customary meanings. See *In re Paulsen*, 30 F.3d 1475, 1480, 31 USPQ2d

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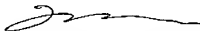
1671, 1674 (Fed. Cir. 1994). Applicant interpreted the term "information vocabulary" as Applicant defines.

Applicant respectfully submits that, in view of the amendments and discussion set forth herein, the pending claims are patentable over the prior art.

The examiner is invited to call Ivy Mei at 650-474-8400 to discuss the pending claims.

The Commissioner is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 07-1445.

If there are any questions regarding this correspondence, please contact the undersigned at 650-474-8400.



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